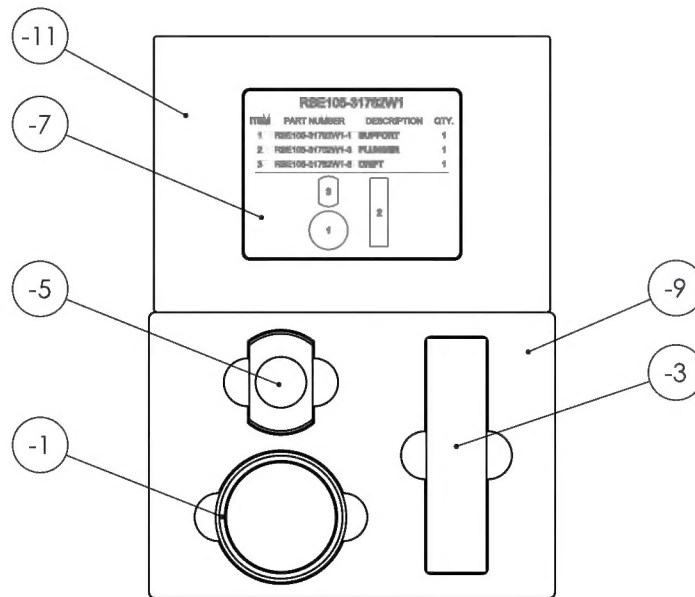


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| REVISIONS |     |                          |           |         |          |
|-----------|-----|--------------------------|-----------|---------|----------|
| REV       | ECR | DESCRIPTION              | DATE      | INITIAL | APPROVED |
| 1         |     | RELEASED FOR PRODUCTION. | 1/25/2016 | DPD     | JAG      |



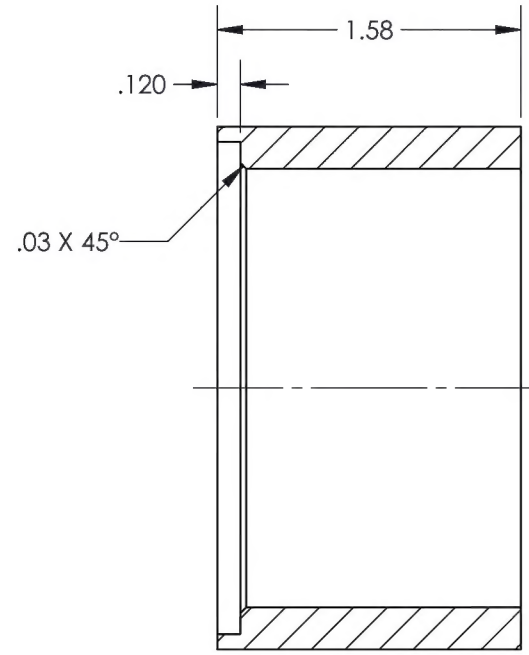
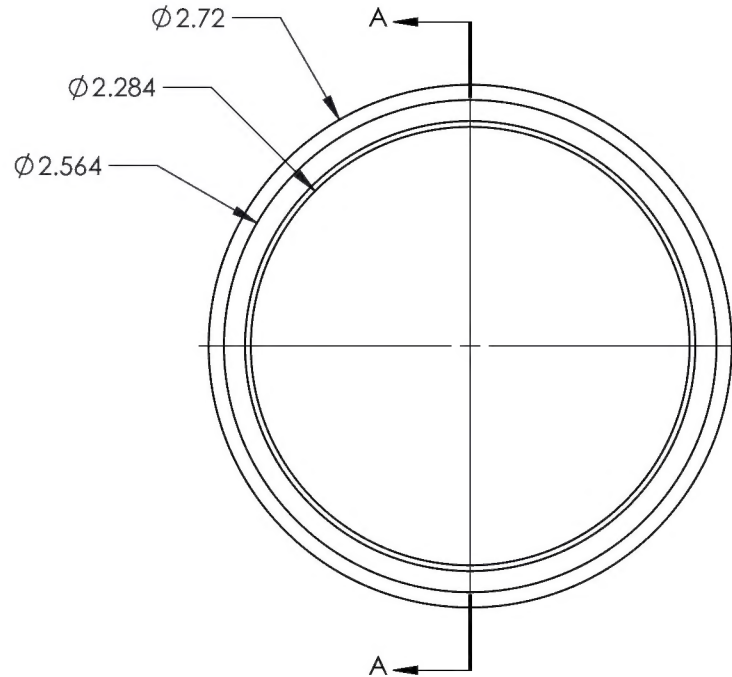
NOTE:  
REF. EUROCOPTER T/N: 105-31762W1.

|  |  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
|--|--|-----------|----------------------------|----------|--------------------------|------------|-----------------------------|----------|-----------------------|-----------|-------------------------|-------|---|------|--|-------------------------------|--|--------------|--|
| <b>DART</b><br>AEROSPACE   |  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| TITLE<br><b>PUSHING-OUT DEVICE</b>   |  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| DWG NO.<br><b>RBE105-31762W1</b>   | REV<br><b>1</b>                                  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| <table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>TREAT</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td>FINISH</td> <td>.XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125°</td> </tr> <tr> <td>SPEC</td> <td>1. BREAK ALL SHARP EDGES<br/>.015 x 45° OR .015R</td> </tr> <tr> <td></td> <td>2. DIMENSIONAL LIMITS APPLY<br/>AFTER PLATING</td> </tr> <tr> <td></td> <td>3. INTERPRET DIM AND TOL PER<br/>ASME Y14.5M-2009</td> </tr> </table> |  | MAT'L     | UNLESS OTHERWISE SPECIFIED | HEAT     | DIMENSIONS ARE IN INCHES | TREAT      | .XXX ± .005 FRACTIONS ± 1/8 | FINISH   | .XX ± .01 ANGLES ± 5° |           | .X ± .1 SURFACES = 125° | SPEC  | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R |      | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING |                               | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009 |              |  |
| MAT'L  | UNLESS OTHERWISE SPECIFIED                       |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| HEAT   | DIMENSIONS ARE IN INCHES                         |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| TREAT  | .XXX ± .005 FRACTIONS ± 1/8                      |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| FINISH   | .XX ± .01 ANGLES ± 5°                            |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
|  | .X ± .1 SURFACES = 125°                          |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| SPEC   | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
|  | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING     |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
|  | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009 |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| <table border="1"> <tr> <td>DRAWN BY:</td> <td>DUERFELDT</td> </tr> <tr> <td>CHECKED:</td> <td>CLOUGH</td> </tr> <tr> <td>OPPS APPR:</td> <td>ANDERSON</td> </tr> <tr> <td>QA APPR:</td> <td>LINDSAY</td> </tr> <tr> <td>APPROVED:</td> <td>GILBERT</td> </tr> <tr> <td>SCALE</td> <td>1:4</td> </tr> <tr> <td>DATE</td> <td>12/29/2015</td> </tr> <tr> <td colspan="2" style="text-align: center;">USED ON MODEL<br/><b>EC145</b></td> </tr> <tr> <td colspan="2" style="text-align: center;">SHEET 1 OF 7</td> </tr> </table>  |  | DRAWN BY: | DUERFELDT                  | CHECKED: | CLOUGH                   | OPPS APPR: | ANDERSON                    | QA APPR: | LINDSAY               | APPROVED: | GILBERT                 | SCALE | 1:4   | DATE | 12/29/2015                                   | USED ON MODEL<br><b>EC145</b> |  | SHEET 1 OF 7 |  |
| DRAWN BY:  | DUERFELDT  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| CHECKED:   | CLOUGH   |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| OPPS APPR:   | ANDERSON   |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| QA APPR:   | LINDSAY  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| APPROVED:  | GILBERT  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| SCALE  | 1:4  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| DATE   | 12/29/2015                                       |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| USED ON MODEL<br><b>EC145</b>  |  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |
| SHEET 1 OF 7   |  |           |                            |          |                          |            |                             |          |                       |           |                         |       |   |      |  |                               |  |              |  |

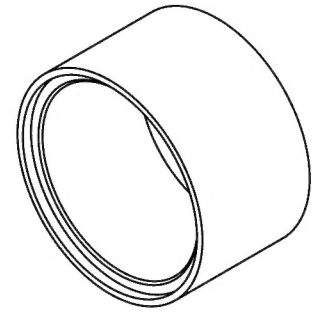
| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description      | Material   | B/O INFORMATION OR SPECIFICATIONS   | PG. |
|----------|----------|-----|--------|----------|------------------|------------|-------------------------------------|-----|
|          |          |     | -1     | 1        | SUPPORT          | 6061       |                                     | 2   |
|          |          |     | -3     | 1        | PLUNGER          | 6061       |                                     | 3   |
|          |          |     | -5     | 1        | DRIFT            | 4140/4142  |                                     | 4   |
|          |          |     | -7     | 1        | CONTENTS PLACARD | PLASTIC    | 1/16 X 3-1/2 X 4-1/2                | 5   |
|          |          | B/O | -9     | 1        | BOTTOM FOAM      | Y20, BLACK | 3.00 X 5.96 X 8.46 (I.R. SPECIALTY) | 6   |
|          |          | B/O | -11    | 1        | TOP FOAM         | Y20, BLACK | .75 X 5.75 X 8.25 (I.R. SPECIALTY)  | 7   |
|          |          | B/O | -13    | 1        | CASE             | PLASTIC    | PELICAN #APP-1150-E                 | N/S |
|          |          | B/O |        | 1        | DART PLACARD     | ALUMINUM   | RB41011                             | N/S |

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| REV       | ECR | DESCRIPTION | DATE | INITIAL  |
|           |     |             |      | APPROVED |



SECTION A-A

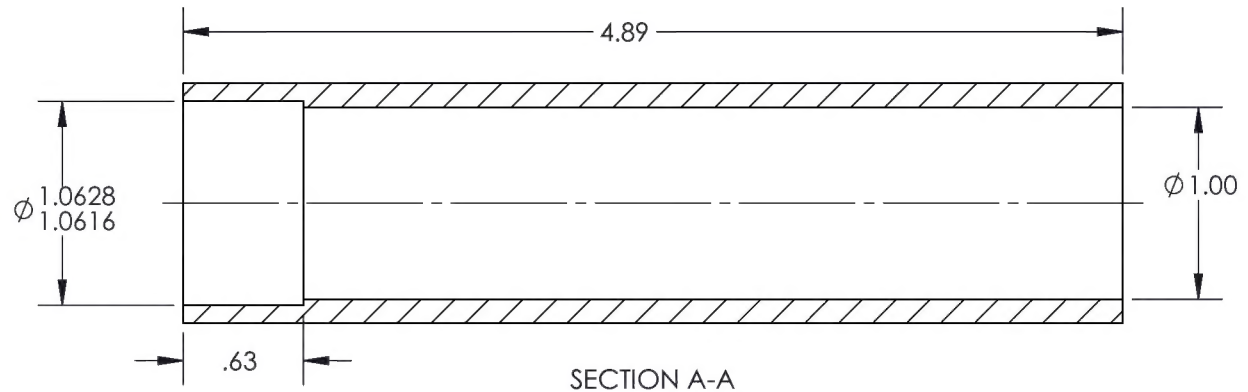
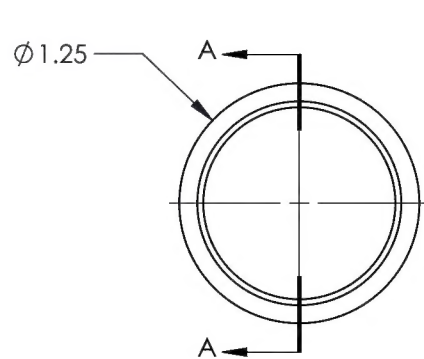
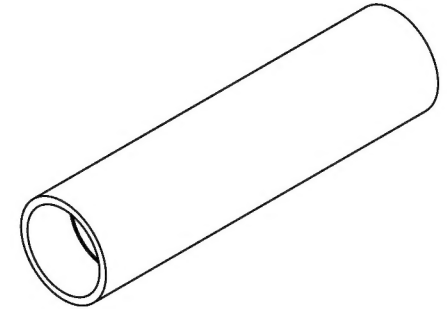


(-1)  
SUPPORT

|                                    |   |
|------------------------------------|---|
| <b>DART<br/>AEROSPACE</b>          |   |
| TITLE<br><b>PUSHING-OUT DEVICE</b> |   |
| DWG NO.<br><b>RBE105-31762W1-1</b> | REV<br><b>1</b>                               |
| MAT'L 6061                         | UNLESS OTHERWISE SPECIFIED                    |
| HEAT TREAT                         | DIMENSIONS ARE IN INCHES                      |
| FINISH CLEAR ANODIZE               | .XXX ± .005 FRACTIONS ± 1/8                   |
| SPEC MIL-A-8625, TYPE II, CLASS I  | .XX ± .01 ANGLES ± .5°                        |
| DRAWN BY: DUERFELDT                | .X ± .1 SURFACES = 125                        |
| CHECKED: CLOUGH                    | 1. BREAK ALL SHARP EDGES                      |
| OPPS APPR: ANDERSON                | .015 x 45° OR .015R                           |
| QA APPR: LINDSAY                   | 2. DIMENSIONAL LIMITS APPLY                   |
| APPROVED: GILBERT                  | AFTER PLATING                                 |
|                                    | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
|                                    | USED ON MODEL                                 |
|                                    | EC145   |
| SCALE 1:1                          | DATE 12/29/2015                               |
|                                    | SHEET 2 OF 7                                  |

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|-----------|-----|-------------|------|----------|
| REV       | ECR | DESCRIPTION | DATE | INITIAL  |
|           |     |             |      | APPROVED |

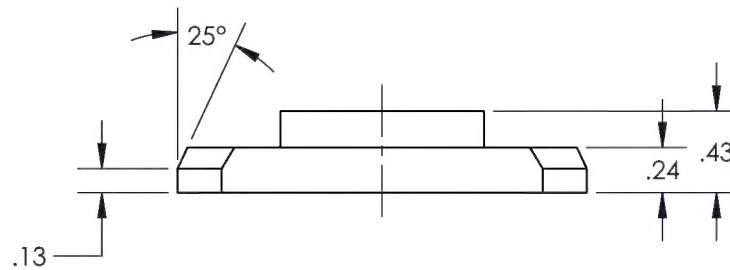
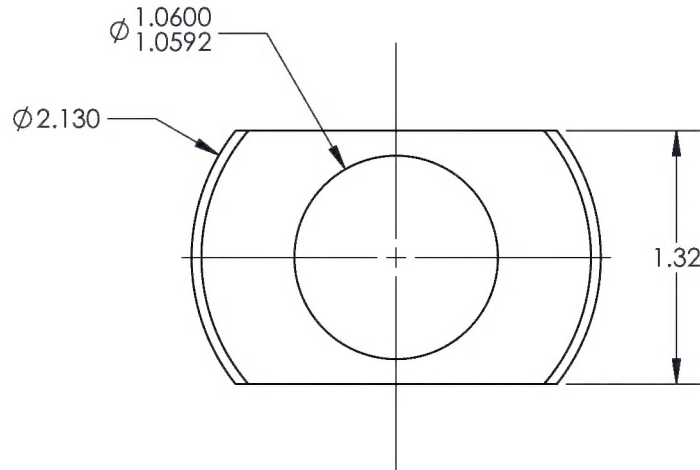
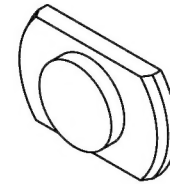


(-3)  
PLUNGER

|                                    |   |
|------------------------------------|---|
| <b>DART<br/>AEROSPACE</b>          |   |
| TITLE<br><b>PUSHING-OUT DEVICE</b> |   |
| DWG NO.<br><b>RBE105-31762W1-3</b> | REV<br><b>1</b>                               |
| MAT'L 6061                         | UNLESS OTHERWISE SPECIFIED                    |
| HEAT TREAT                         | DIMENSIONS ARE IN INCHES                      |
| FINISH CLEAR ANODIZE               | .XXX ± .005 FRACTIONS ± 1/8                   |
| SPEC MIL-A-8625, TYPE II, CLASS I  | .XX ± .01 ANGLES ± 5°                         |
| DRAWN BY: DUERFELDT                | .X ± .1 SURFACES = 125                        |
| CHECKED: CLOUGH                    | 1. BREAK ALL SHARP EDGES                      |
| OPPS APPR: ANDERSON                | .015 x 45° OR .015R                           |
| QA APPR: LINDSAY                   | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING     |
| APPROVED: GILBERT                  | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| SCALE 1:1                          | DATE 12/29/2015                               |
|                                    | SHEET 3 OF 7                                  |

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|-----------|-----|-------------|------|----------|
| REV       | ECR | DESCRIPTION | DATE | INITIAL  |
|           |     |             |      | APPROVED |



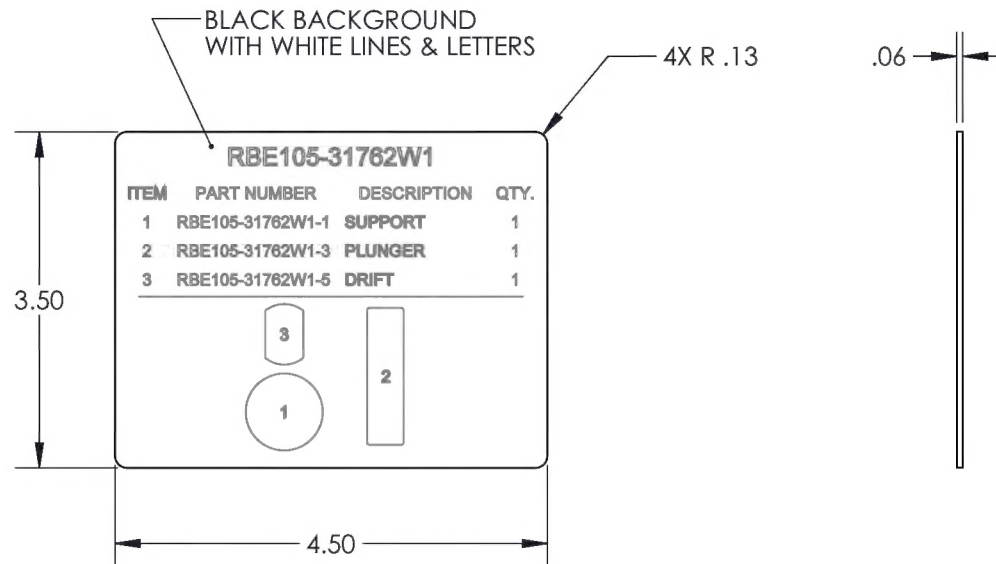
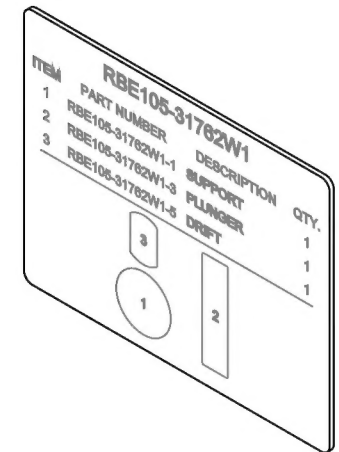
(5)

DRIFT

|                                    |   |
|------------------------------------|---|
| <b>DART<br/>AEROSPACE</b>          |   |
| TITLE<br><b>PUSHING-OUT DEVICE</b> |   |
| DWG NO.<br><b>RBE105-31762W1-5</b> | REV<br><b>1</b>                               |
| MAT'L 4140/4142                    | UNLESS OTHERWISE SPECIFIED                    |
| HEAT TREAT                         | DIMENSIONS ARE IN INCHES                      |
| FINISH ZINC PLATE                  | .XXX ± .005 FRACTIONS ± 1/8                   |
| SPEC ASTM B633 TYPE I SC 2         | .XX ± .01 ANGLES ± .5°                        |
| DRAWN BY: DUERFELDT                | .X ± .1 SURFACES = 125                        |
| CHECKED: CLOUGH                    | 1. BREAK ALL SHARP EDGES                      |
| OPPS APPR: ANDERSON                | .015 x 45° OR .015R                           |
| QA APPR: LINDSAY                   | 2. DIMENSIONAL LIMITS APPLY                   |
| APPROVED: GILBERT                  | AFTER PLATING                                 |
|                                    | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
|                                    | USED ON MODEL                                 |
|                                    | EC145   |
| SCALE 1:1                          | DATE 12/29/2015                               |
|                                    | SHEET 4 OF 7                                  |

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| REV       | ECR | DESCRIPTION | DATE INITIAL APPROVED |

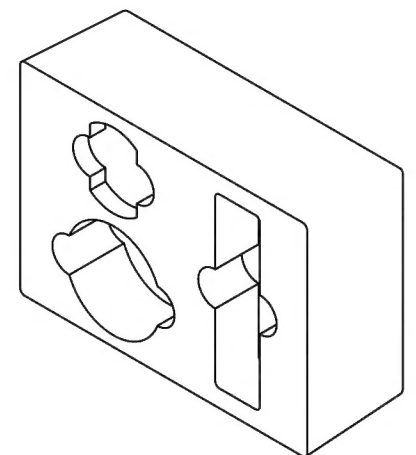
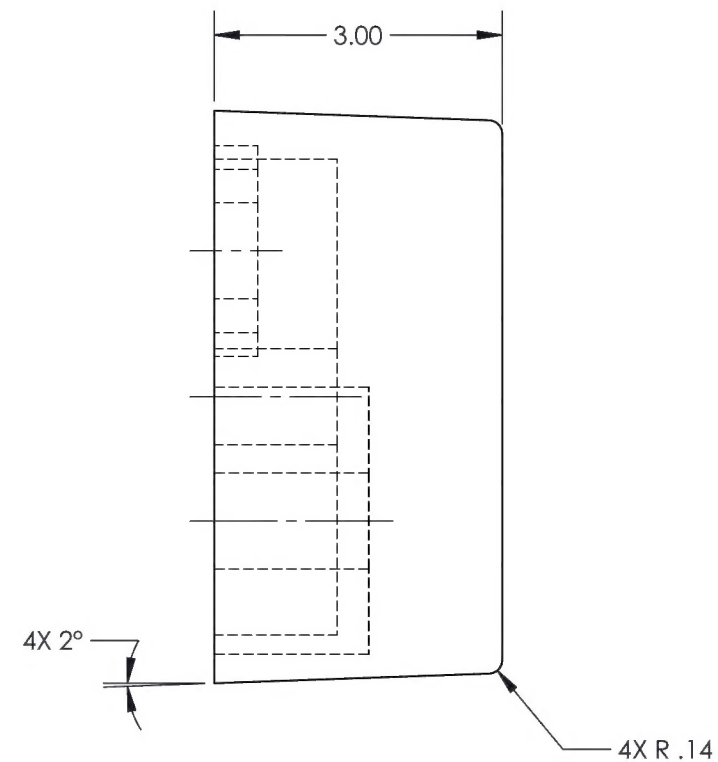


(-7)

CONTENTS PLACARD


|                             |   |
|-----------------------------|---|
| <b>DART</b><br>AEROSPACE    |   |
| TITLE<br>PUSHING-OUT DEVICE |   |
| DWG NO.<br>RBE105-31762W1-7 | REV<br>1                                      |
| MAT'L PLASTIC               | UNLESS OTHERWISE SPECIFIED                    |
| HEAT TREAT                  | DIMENSIONS ARE IN INCHES                      |
| FINISH                      | .XXX ± .010 FRACTIONS ± 1/8                   |
| SPEC                        | .XX ± .03 ANGLES ± 1°                         |
|                             | .X ± .1 SURFACES = 125°                       |
| DRAWN BY: DUERFELDT         | 1. BREAK ALL SHARP EDGES                      |
| CHECKED: CLOUGH             | .015 x 45° OR .015R                           |
| OPPS APPR: ANDERSON         | 2. DIMENSIONAL LIMITS APPLY                   |
| QA APPR: LINDSAY            | AFTER PLATING                                 |
| APPROVED: GILBERT           | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| SCALE 1:2                   | DATE 12/29/2015                               |
|                             | SHEET 5 OF 7                                  |

| REVISIONS |     |             |      |         |          |
|-----------|-----|-------------|------|---------|----------|
| REV       | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |



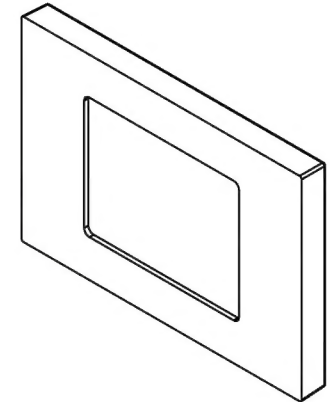
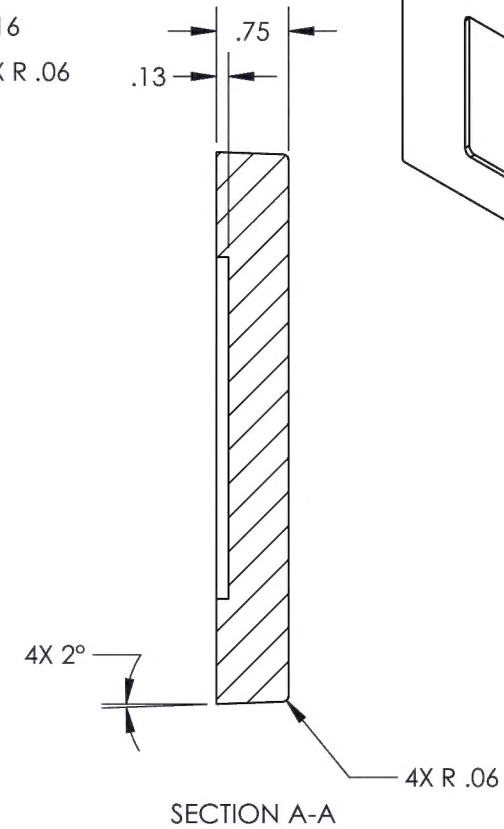
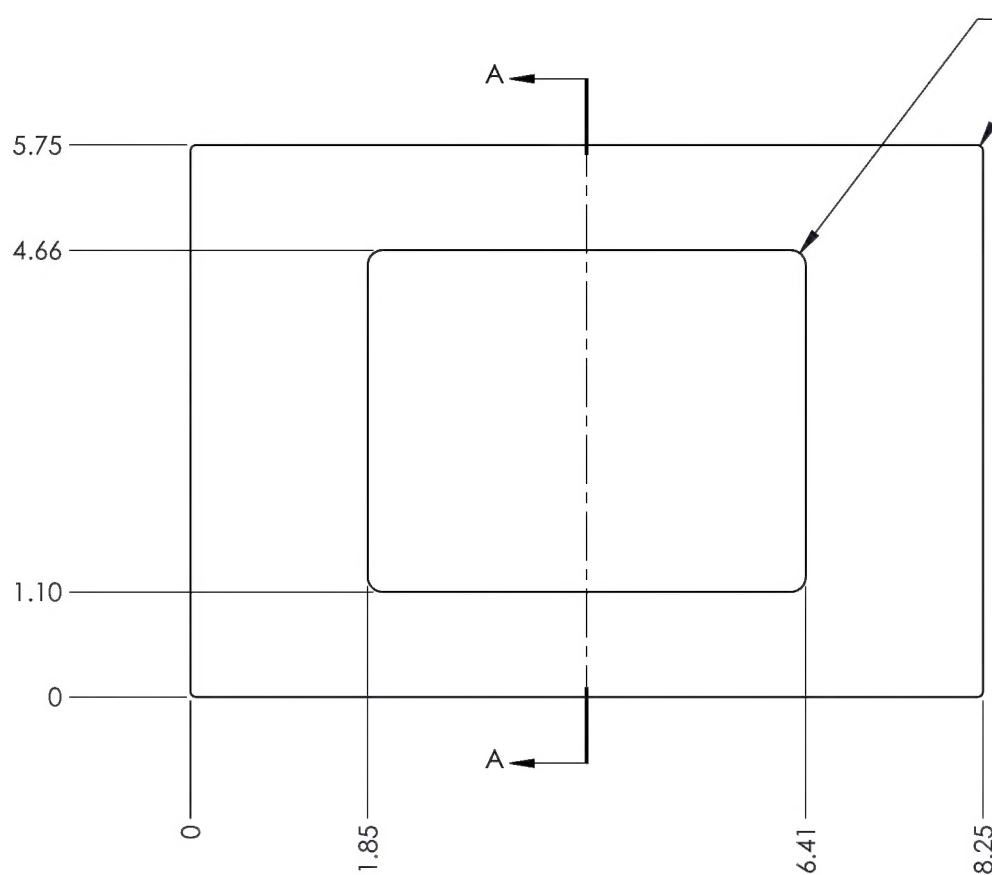
-9

BOTTOM FOAM

|   |     |                              |            |
|---|-----|------------------------------|------------|
|  |     |                              |            |
| TITLE   |     |                              |            |
| PUSHING-OUT DEVICE  |     |                              |            |
| DWG NO.   |     |                              | REV        |
| RBE105-31762W1-9  |     |                              | 1          |
| MAT'L Y20, BLACK  |     | UNLESS OTHERWISE SPECIFIED   |            |
| HEAT TREAT  |     | DIMENSIONS ARE IN INCHES     |            |
| FINISH  |     | .XXX ± .010 FRACTIONS ± 1/8  |            |
| SPEC  |     | .XX ± .03 ANGLES ±1°         |            |
|   |     | .X ± .1 SURFACES = 125/√     |            |
| DRAWN BY:   |     | 1. BREAK ALL SHARP EDGES     |            |
| DUERFELDT   |     | .015 x 45° OR .015R          |            |
| CHECKED:  |     | 2. DIMENSIONAL LIMITS APPLY  |            |
| CLOUGH  |     | AFTER PLATING                |            |
| OPPS APPR:  |     | 3. INTERPRET DIM AND TOL PER |            |
| ANDERSON  |     | ASME Y14.5M-2009             |            |
| QA APPR:  |     | USED ON MODEL                |            |
| LINDSAY   |     | EC145                        |            |
| APPROVED:   |     |                              |            |
| GILBERT   |     |                              |            |
| SCALE   | 1:2 | DATE                         | 12/29/2015 |
|   |     | SHEET 6 OF 7                 |            |

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| REV       | ECR | DESCRIPTION | DATE     |
|           |     |             | INITIAL  |
|           |     |             | APPROVED |



(-11)  
TOP FOAM

|   |                 |
|---|-----------------|
| <b>DART<br/>AEROSPACE</b>   |                 |
| TITLE<br>PUSHING-OUT DEVICE   |                 |
| DWG NO.<br>RBE105-31762W1-11  | REV<br>1        |
| MAT'L Y20, BLACK<br>HEAT TREAT<br>FINISH<br>SPEC  |                 |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>.XXX ± .010 FRACTIONS ± 1/8<br>.XX ± .03 ANGLES ± 1°<br>.X ± .1 SURFACES = 125° ✓         |                 |
| 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R<br>2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING<br>3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009 |                 |
| DRAWN BY: DUERFELDT   | USED ON MODEL   |
| CHECKED: CLOUGH   | EC145           |
| OPPS APPR: ANDERSON   |                 |
| QA APPR: LINDSAY  |                 |
| APPROVED: GILBERT   |                 |
| SCALE 1:2   | DATE 12/29/2015 |
| SHEET 7 OF 7  |                 |